



STATE OF TENNESSEE
TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
COOKEVILLE ENVIRONMENTAL FIELD OFFICE

1221 South Willow Avenue
Cookeville, Tennessee 38506
Statewide 1-888-891-8332

Phone 931-520-6688

Fax 931-432-6952

Honorable Willie P. Kerr
City of Celina
P.O. Box 449
Celina, TN 38551

January 23, 2017

RE: Compliance Evaluation Inspection; City of Celina Collection System TN0063886

Dear Mayor Kerr:

Division of Water Resources staff wishes to thank you, Mr. Jason Hamilton, Mr. Brian Burchett and Mr. Gary Plumlee for your generous time and courtesy during the recent Collection System Inspection (CSI) on January 5, 2017 and January 9, 2017, at the City of Celina Wastewater Treatment Collection System in Clay County.

Permit

The current NPDES permit became effective on June 1, 2016 and will expire on April 4, 2019.

Collection Gravity Line Site Review

The subsurface gravity line adjacent to the Washington and McArthur intersection was reviewed. A recent overflow at the location had occurred. The overflow may have been caused by a grease build up in the line and resulted in the back-up of sewage in the office of Doctor Gilbert Ghearing. City staff met with Dr. Ghearing to discuss the maintenance work to be performed on the sewer line which serves his business location. The work included inspection of the manholes and jetting of the sewer lines.

Operations and Maintenance

Celina STP staff reviewed the collection system manholes above and below the Washington and McArthur intersection. Heavy deposits of grease were no longer readily apparent. The line was jetted with high pressure to assure the line was cleared. It is possible that roof drains at the Doctor's office are tied into the city sewer. Manholes around the hospital were reviewed. Some grease in the area lines and manholes was noted. The hospital's grease trap was located in an area that may be difficult to access. It is recommended that the City of Celina develop a Fats, Oil and Grease (FOG) program. City personnel can improve monitoring of grease trap clean-out. If grease traps are needed in a certain area, businesses could be required to install grease traps large enough to accommodate the flows.

Summary

The City has had several sewer back-ups that have resulted in overflows to private property. Grease build up combined with the inflow and infiltration of storm water may be contributing to the sewer back-up problem. The City has the sewer jetter equipment to perform sewer clean-out maintenance. The City's sewer use ordinance has the language necessary to require users to prevent grease from entering the city sewer. Please see pages nineteen and twenty (19 & 20) Article 8 (3) (b) of the Sewer Use Ordinance.

Recommendations

- ✓ Develop a FOG program and inspect for roof drains that may be tied into the city sewer.
- ✓ Require businesses (food preparation facilities) to install and maintain grease traps.
- ✓ Inspect and video sewer lines.
- ✓ Consider improved gate security along with fence signage in order to ensure control over septic tank sewer disposal at the sewer treatment plant.

The Division of Water Resources would again like to thank you, Mr. Jason Hamilton, Mr. Brian Burchett, and Mr. Gary Plumlee for your time and courtesy during this inspection.

If you have any questions, you may contact Oakley Hall in Cookeville by way of telephone at (931) 432-7635 or toll free at 1-(888)-891-8332. You may also use electronic mail at: Oakley.Hall@tn.gov.

Sincerely,



Johnny K. Walker
Environmental Program Manager III
Division of Water Resources
Cookeville Environmental Field Office

Enclosure: Photo Sheet; Water Compliance Inspection Report

cc: EFO-CK, Clay County DWR Files: TN0063886



TDEC - Division of Water Resources
Cookeville Field office

ICIS NPDES Facilities Inspection Report

Facility Data

NPDES ID:	TN0063886	Facility Site Name	City of Celina STP		
		Address	P.O. Box		
Permit Eff. Date:	Jun 1, 2016	Permit Exp Date:	Apr 4, 2019	SIC Code:	

Compliance Monitoring Information

Compliance Monitoring Activity Name	CSO Inspection (Non-Sampling)				
	* If Bio Monitoring is selected above, select the method used:				
Compliance Monitoring Activity	Diagnostic				

Compliance Monitoring Dates/Times

Entry Date/Time (mm/dd/yyyy hh:mm):	January 05, 2016; 10:00 AM	Exit Date/Time (mm/dd/yyyy hh:mm):	January 09, 2016; 2:00 PM
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Facility Representatives

Jason Hamilton, Chief Operator: (931) 243 - 3813	Honorable Willie Kerr, Mayor of Celina, (931) 243 - 2115
On-Site Representative(s) Title, Phone Number	Responsible Official(s), Title, Phone Number

Statute and Section Information

Federal Statute:	CWA - Clean Water Act	State Statute:	Tennessee Water Quality Control Act
Programs:	NPDES- Base Program (Limits, Reporting, & Schedule)		

Compliance Monitoring Reason:	Core Program				
Compliance Monitoring Agency Type:	State	Agency Name:	TDEC - DWR		
Did EPA assist/ Inspection?	No	Time Physically conducting activity: Days:	4	Hours:	0
Inspection Type:	State	Compliance Monitoring Action Outcome:	Immediately Corrected		
Lead Agency:	State	Compliance Monitoring Rating Code:	Unrated		
If Joint Inspection, what was the purpose of the other party?	N/A				

Areas Evaluated During Inspection (Check only those areas evaluated)

<input type="checkbox"/> Permit	<input type="checkbox"/> Self - Compliance Program	<input type="checkbox"/> Pretreatment
<input type="checkbox"/> Records / Records	<input type="checkbox"/> Compliance Schedule	<input type="checkbox"/> Pollution Prevention
<input checked="" type="checkbox"/> Facility Site Review	<input type="checkbox"/> Laboratory	<input type="checkbox"/> Storm Water
<input checked="" type="checkbox"/> Effluent / Receiving Waters	<input checked="" type="checkbox"/> Operations & Maintenance	<input type="checkbox"/> Combined Sewer Overflow
<input type="checkbox"/> Flow Measurement	<input type="checkbox"/> Sludge Handling / Disposal	<input checked="" type="checkbox"/> Sanitary Sewer Overflow

Compliance Monitoring Summary

Inspection performed to review collection system overflows near restaurants and Doctor's office (possible FOG issues). Operations and Maintenance were observed.

EPA and State Representatives

William O. Hall	TDEC/DWR (931) 520 - 6677	Jan 18, 2017
Inspector's Signature	Agency / Office / Phone	Date
Johnny K. Walker	TDEC/DWR (931) 520 - 6688	Jan 18, 2017
Manager's Signature	Agency / Office / Phone	Date

(Note: This form can only be printed to an XPS document, then saved for later use.)



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An overflow at the Doctor's office occurred in proximity to this street intersection. Photos Recorded on: 1/5/17, by: WOH



Damage from the sewer overflow was observed within the Doctor's office building. The City worked to resolve the sewer issue.



City manholes were opened and reviewed for grease and obstruction. Photo recorded on: 1/5/17, by: WOH



The manhole pictured above was located on the hill above the Washington/McArthur intersection. Photo recorded 1/5/17, by: WOH



The Jetter Trailer was used to clean-out lines in the vicinity of the Washington/McArthur intersection. Photo Recorded 1/9/17, by: WOH



A nearby restaurant is capturing grease before it enters the city sewer. Photo Recorded 1/9/17, by: WOH